

**Electronic Filing System (EFS) Data**  
**Electronic Patent Application Submission**  
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EFS ID:	17639
Application ID:	10064980
Title of Invention:	SYSTEMS AND METHODS FOR MICROELECTROMECHANICAL SYSTEM BASED FLUID EJECTION
First Named Inventor:	Brian HILTON
Domestic/Foreign Application:	Domestic Application
Filing Date:	null
Effective Receipt Date:	2002-09-05
Submission Type:	Utility Patent Filing
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Attorney Docket Number:	112213
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Certificate Message Digest:	H/prFLTYzZhXn0dF7pR1IA==
Total Fees Authorized:	\$780.0
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Deposit Account Number:	240037
Deposit Account Name:	Thomas J. Pardini

# TRANSMITTAL FORM

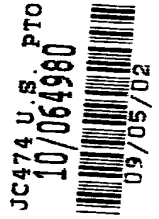
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Stylesheet Version: 1.0

Submission Type: Utility Patent  
Filing

Attorney Docket  
Number:

112213



## SYSTEMS AND METHODS FOR MICROELECTROMECHANICAL SYSTEM BASED FLUID EJECTION

First Named Inventor: Brian S. HILTON

### SUBMITTED BY

Name:	Thomas J. Pardini
Registration Number:	30,411
Electronic Signature Mark: /Thomas J. Pardini	Date Signed: 20020905

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*I, the undersigned, certify that I have viewed a display of document(s) being electronically submitted to the United States Patent and Trademark Office, using either the USPTO provided style sheet or software, and that this is the document(s) I intend for initiation or further prosecution of a patent application noted in the submission. This document(s) will become part of the official electronic record at the USPTO.*

### Attached Files:

declaration	08-29-02-Dec1.tif
bibd-transmittal	X112213apds.xml

fee-transmittal  
specification  
patent-assignments

X112213fee.xml  
ob\_112213.xml  
X112213asgn.xml

Attached Image File(s):  
08-29-02-Dec1.tif

Comments:

As a below named inventor, I hereby declare that:  
My residence, post office address and citizenship are as stated below next to my name; that  
I verily believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint  
inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the  
invention entitled:

SYSTEMS AND METHODS FOR MICROELECTROMECHANICAL SYSTEM BASED FLUID EJECTION

described and claimed in the specification:

**Check one**

- \*a. ☒ attached hereto.  
b. ☐ filed on \_\_\_\_\_ as Application No. \_\_\_\_\_ and amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56. Under Title 35, U.S. Code §119, the priority benefits of the following foreign application(s) and/or United States provisional application(s) filed by me or my legal representatives or assigns within one year prior to this application are hereby claimed:

The following application(s) for patent or inventor's certificate on this invention were filed in countries foreign to the United States of America either (a) more than one year prior to this application, or (b) before the filing date of the above-named foreign priority application(s) and/or United States provisional application(s):

I hereby appoint the following as my attorneys of record with full power of substitution and revocation to prosecute this application and to transact all business in the Patent Office:

**James A. Oliff, Registration No. 27,075; William P. Berridge, Registration No. 30,024; Kirk M. Hudson, Registration No. 27,562; Thomas J. Pardini, Registration No. 30,411; Edward P. Walker, Registration No. 31,450; Robert A. Miller, Registration No. 32,771; Mario A. Costantino, Registration No. 33,565; Stephen J. Roe, Registration No. 34,463; Joel S. Armstrong, Registration No. 36,430; Christopher W. Brown, Registration No. 38,025; Richard E. Rice, Registration No. 31,560; Paul Tsou, Registration No. 37,956; Mark Costello, Registration No. 31,342; Ronald F. Chapuran, Registration No. 26,402; Eugene O. Palazzo, Registration No. 20,881; Kevin R. Kepner, Registration No. 32,145; and/or Richard B. Domingo, Registration No. 36,784.**

**ALL CORRESPONDENCE IN CONNECTION WITH THIS APPLICATION SHOULD BE SENT TO OLIFF & BERRIDGE, PLC, P.O. BOX 19928, ALEXANDRIA, VIRGINIA 22320, TELEPHONE (703) 836-6400.**

I hereby declare that I have reviewed and understand the contents of this Declaration, and that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**1**      ***Typewritten Full Name***  
***of First or Sole Inventor***

**2      \*\*INVENTOR'S SIGNATURE:**

3      **\*\*DATE OF SIGNATURE:**

Residence:

Rochester

NY

USA

**Citizenship:**

USA

State or Province

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# FEE TRANSMITTAL

Electronic Version 1.1.0

Stylesheet Version: 1.0

*Patent fees are subject to annual revisions on or about October 1st of each year.*

Large Entity

**TOTAL FEES AUTHORIZED: \$ 780**

The commissioner is hereby authorized to charge indicated processing and/or publication fees and credit any overpayments to:

Deposit Account Number: 24-0037  
Deposit Account Name: Xerox Corporation



**SUBMITTED BY**

Authorized Name: Thomas J. Pardini  
Electronic Signature Mark: /Thomas J. Pardini  
Date Signed: 20020905

**BASIC FILING FEE**

Fee Description	Fee Code	Fee Paid
Utility Filing Fee	101	\$ 740

Subtotal For Basic Filing Fee: \$ 740

**EXTRA CLAIM FEES**

	Fee Code	Fee	Extra Claims	Fee Paid
Total Claims: 20	103	\$ 18	0	\$ 0
Independent Claims: 2	102	\$ 84	0	\$ 0

Subtotal For Extra Claims Fees: \$ 0

**ADDITIONAL FEES**

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Fee Description	Number	Quantity	Fee Code	Amount	Fee Paid
Recording Each Patent Assignment Per Property Fee	00000000	1	581	\$ 40	\$ 40

Subtotal For Additional Fees: \$ 40